

## RIO SONOYTA BASIN

09535200 LITTLE TUCSON WASH AT SELLS, AZ

LOCATION.--Lat 31°54'55", long 111°52'42", in SE<sup>1</sup>/<sub>4</sub> sec.25, T.17 S., R.4 E., Pima County, Hydrologic Unit 15080101, at Sells.

DRAINAGE AREA.--26.8 mi<sup>2</sup> contributing drainage area not determined.

### Annual peak discharges

Water year	Date	Annual peak discharge (ft <sup>3</sup> /s)	Discharge codes	Water year	Date	Annual peak discharge (ft <sup>3</sup> /s)	Discharge codes
1962	09-26-62	2,740		1970	09-06-70	1,520	
1963	00-00-63	1,770		1971	08-19-71	2,080	
1964	07-29-64	2,210		1972	08-00-72	220	
1965	08-11-65	1,130		1973	10-18-72	2,760	
1966	09-13-66	2,800		1974	09-22-74	1,500	
1967	08-07-67	1,690		1975	09-05-75	2,040	
1968	12-19-67	770		1976	00-00-76	790	
1969	07-22-69	2,510					

Magnitude and probability of instantaneous peak flow based on period of record

Discharge, in ft <sup>3</sup> /s, for indicated recurrence interval in years, and exceedance probability, in percent					
2	5	10	25	50	100
50%	20%	10%	4%	2%	1%
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Weighted skew (logs) =	---	---	---	---	---
Mean (logs) =	---	---	---	---	---
Standard dev. (logs) =	---	---	---	---	---

### Basin characteristics

Main channel slope (ft/mi)	Stream length (mi)	Mean basin elevation (ft)	Forested area (percent)	Soil index	Mean annual precipitation (in)	Rainfall intensity, 24-hour	
						2-year (in)	50-year (in)
49.9	10.2	2,560	0.0	3.0	11.8	2.1	4.6

